

Attorney Docket No: NVID-001/00US

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Curtis PRIEM et al.

Serial No.: 09/056,656

Examiner: U. Chauhan

Filed: April 7, 1998

Art Unit: 2676

Confirmation No.: 5595

For: **TEXTURE CACHE FOR A COMPUTER GRAPHICS ACCELERATOR**

U.S. Patent and Trademark Office  
220 20<sup>th</sup> Street South  
**Customer Window, Mail Stop RCE**  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.97(b)**

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56,  
Applicant(s) hereby submits the following information in conformance with 37 C.F.R.  
§§1.97 and 1.98.

- Pursuant to 37 C.F.R. §1.98, a copy of each non-patent document cited in the attached Form PTO/SB/08 is enclosed.
- No copies of the publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. \_\_\_\_ to which the above-identified application claims priority under 35 U.S.C. §120.
- No copies of any U.S. patents or U.S. patent application publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98 because this application was filed after June 30, 2003.
- Publication(s) \_\_\_\_ listed on the attached Form PTO/SB/08A were cited in a foreign search or examination report corresponding to \_\_\_\_ application serial no. \_\_\_\_ and mailed on \_\_\_\_.

- Enclosed is a copy of a non-English publication(s) \_\_\_. Pursuant to §609 of the M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).
- Enclosed is a copy of a non-English publication(s) \_\_\_. English language publication \_\_\_. (copy enclosed) claims priority from this non-English publication.
- Enclosed is an explanation of non-English publication(s) \_\_ for which an English translation is not available.
- Enclosed is an English translation of non-English publication(s) \_\_ cited in the attached Form PTO/SB/08A.
- Enclosed is a copy of pending patent Application Serial No. \_\_\_.

This Information Disclosure Statement is filed within any one of the following time periods:

- within three months from the filing date of this national application other than a CPA under 37 C.F.R. § 1.53(d);
- within three months from the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in this international application;
- before the mailing date of a first office action on the merits; or
- before the mailing of a first office action after the filing of a request for continued examination under 37 C.F.R. § 1.114.

It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.

Dated: 12/20/04

Cooley Godward LLP  
ATTN: Patent Group  
One Freedom Square  
Reston Town Center  
11951 Freedom Drive  
Reston, VA 20190-5656  
Tel: (703) 456-8000  
Fax: (703) 456-8100

Respectfully submitted,  
**COOLEY GODWARD LLP**

By:

  
Steven R. Olsen  
Reg. No. 48,174

Please type a plus sign (+) inside this box →

DEC 20 2004

PTO/SB/08A (08-00)

<p>Substitute for form 1449 PTO &amp; TRADEMARK OFFICE <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i></p>				<i>Complete if Known</i>	
				Application Number	09/056,656
				Filing Date	April 7, 1998
				First Named Inventor	Curtis PRIEM
				Group Art Unit	2676
Examiner Name	Ulka Chauhan				
Sheet	1	of	1	Attorney Docket Number	NVID001/00US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
	A1	5,842,015		Cunniff, et al.	11-24-1998
	A2	6,011,565		Kuo, et al.	01-04-2000
	A3	6,067,090		Sreenivas, et al.	05-23-2000
	A4	6,085,292		McCormack, et al.	07-04-2000
	A5	6173,378	B1	Rozario, et al.	01-09-2001
	A6	6,252,608	B1	Snyder et al.	06-26-2001
	A7	6,253,262	B1	Rozario, et al.	06-26-2001
	A8	6,278,645	B1	Bucklew, et al.	08-21-2001
	A9	6,333,743	B1	Gossett, et al.	12-25-2001

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Date of Publication of Cited Document MM-DD-YYYY
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	
					T <sup>6</sup>

OTHER - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	C1	Williams, T., "80860 May Force Rethinking of Graphics Systems Architectures," Computer Design, may 1, 1989			
	C2	1860 64-Bit Microprocessor, Preliminary Data Sheet, October 1989			
	C3	1860 Microprocessor Family, Programmer's Reference Manual 1991, Intel Corporation			
	C4	1860 Microprocessor Hardware Reference Manual 1990, Intel Corporation			

Examiner Signature		Date Considered
--------------------	--	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

228017 v1/RE

4vxt01!.DOC

<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

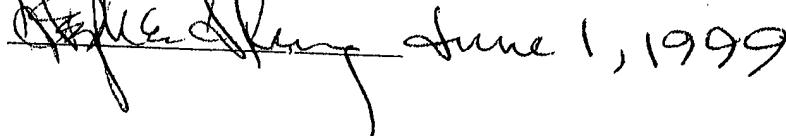
<sup>1</sup> Unique citation designation number.

<sup>2</sup> Applicant is to place a check mark here if English language Translation attached.



I hereby certify that this correspondence is being deposited with sufficient postage with the United States Postal Service as First Class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on June 1, 1999

Stephen L. King, registered representative

 June 1, 1999

Serial No.:09/056,656

Filing Date: April 4, 1998

Client: NVDIA

Title: Texture Cache etc..

Inventor(s): PRIEM ET AL

Applic. NV30

Atty/Secty:SK

Date Mailed: JUNE 1, 1999

Docket Due Date:

The following have been received in the U.S. Patent & Trademark Office on date stamped hereon:

<input type="checkbox"/> Amendment/Response,      pages	<input type="checkbox"/> Issue Fee Transmittal	<input type="checkbox"/> Check No. 11925
<input type="checkbox"/> Appeal Brief	<input type="checkbox"/> Notice of Appeal	<input type="checkbox"/> Amt. \$105
<input type="checkbox"/> Assignment & COVER	<input type="checkbox"/> PCT Application	<input type="checkbox"/> Check No.
<input checked="" type="checkbox"/> Certificate of Mailing	<input type="checkbox"/> Petition for Extension of Time	<input type="checkbox"/> Amt \$
<input type="checkbox"/> CIP Application	<input type="checkbox"/> Petition for	
<input type="checkbox"/> Continuation Application	<input checked="" type="checkbox"/> Postcard	
<input type="checkbox"/> Declaration & POA	<input type="checkbox"/> Power of Attorney	
<input type="checkbox"/> Design Patent Application	<input type="checkbox"/> Preliminary Amendment	
<input type="checkbox"/> Divisional Application	<input type="checkbox"/> Reply Brief	
<input type="checkbox"/> Drawings: 7# of shts includes <u>10</u> figs.	<input type="checkbox"/> Small Entity Declaration	
<input type="checkbox"/> Express Mail No EE588870609	<input type="checkbox"/> Transmittal Letter	
<input type="checkbox"/> TWO (2) months extension of time	<input type="checkbox"/> Utility Pat. App.      pages of spec, (cover & abstract)	

Other-Prior Art Statement

-Four references cited in Prior Art Statement



**BEST AVAILABLE COPY**





**PLEASE STAMP AND RETURN TO SHOW RECEIPT OF:**

In re Application of: **Curtis PRIEM et al.**

Serial No.: 09/056,656  
Filed: April 7, 1998  
Confirmation No: 5595

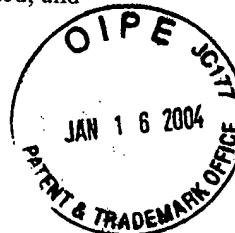
Examiner: U. Chauhan  
Art Unit: 2676

For: **TEXTURE CACHE FOR A COMPUTER GRAPHICS ACCELERATOR**

1. Supplemental Information Disclosure Statement Transmittal;
2. Supplemental Information Disclosure Statement;
3. PTO/SB/08A and (9) References Cited; and
4. Return Postcard.

Dated: January 16, 2004  
Atty. Docket No.: NVID-001/00US

Client/Matter No.: 140060-2002  
Attorney/Secretary: SRO/krf



**BEST AVAILABLE COPY**

**RECEIVED**

**JAN 20 2004**

Entered  
DUE:  
EGW

**COOLEY GODWARD LLP**

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Curtis PRIEM et al.

Serial No.: 09/056,656

Examiner: U. Chauhan

Filed: April 7, 1998

Art Unit: 2676

Confirmation No.: 5595



For: TEXTURE CACHE FOR A COMPUTER GRAPHICS ACCELERATOR

U.S. Patent and Trademark Office

2011 South Clark Place

**Customer Window**

Crystal Plaza Two, Lobby, Room 1B03

Arlington, VA 22202

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT TRANSMITTAL**

Enclosed is an Information Disclosure Statement and accompanying Form PTO/SB/08A for the above-identified patent application.

- In accordance with 37 C.F.R. §1.97(b), no additional fee for submission of the IDS is required.
- In accordance with 37 C.F.R. §1.97(c), also enclosed is:
  - the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p); or
  - a statement as specified in 37 C.F.R. §1.97(e).
- In accordance with 37 C.F.R. §1.97(d), a statement as specified in 37 C.F.R. §1.97(e) and the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) are also enclosed.
- A return receipt postcard is also enclosed.

The Commissioner is hereby authorized to charge the fee of \$180.00 and any other appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. (RE) 50-1283.

Dated: 1/16/04

Respectfully submitted,  
**COOLEY GODWARD LLP**

By:

  
Steven R. Olsen  
Reg. No. 48,174

Cooley Godward LLP  
ATTN: Patent Group  
One Freedom Square  
Reston Town Center  
11951 Freedom Drive  
Reston, VA 20190-5656  
Tel: (703) 456-8000  
Fax: (703) 456-8100  
193207 v1/RE  
452V011.DOC

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Curtis PRIEM et al.

Serial No.: 09/056,656

Examiner: U. Chauhan

Filed: April 7, 1998

Art Unit: 2676

Confirmation No.: 5595

For: **TEXTURE CACHE FOR A COMPUTER GRAPHICS ACCELERATOR**

U.S. Patent and Trademark Office  
 2011 South Clark Place  
**Customer Window**  
 Crystal Plaza Two, Lobby, Room 1B03  
 Arlington, VA 22202

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
 UNDER 37 C.F.R. §1.97(c)**

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56, Applicant(s) hereby submits the following information in conformance with 37 C.F.R. §§1.97 and 1.98.

Pursuant to 37 C.F.R. §1.98, a copy of each document cited in the attached Form PTO/SB/08A is enclosed.

No copies of the publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. 09/711,881 now US patent 6,609,126B1 to which the above-identified application claims priority under 35 U.S.C. §120.

No copies of any U.S. patents or U.S. patent application publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98 because this application was filed after June 30, 2003.

Publication(s) \_\_\_\_\_ listed on the attached Form PTO/SB/08A were cited in a foreign search or examination report corresponding to \_\_\_\_\_ application serial no. \_\_\_\_\_ and mailed on \_\_\_\_\_.

Enclosed is a copy of a non-English publication(s) \_\_\_\_\_. Pursuant to §609 of the M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).

Enclosed is a copy of a non-English publication(s) \_\_\_\_\_. English language publication \_\_\_\_\_ (copy enclosed) claims priority from this non-English publication.

Enclosed is an explanation of non-English publication(s) \_\_\_\_\_ for which an English translation is not available.

Enclosed is an English translation of non-English publication(s) \_\_\_\_\_ cited in the attached Form PTO/SB/08A.

Enclosed is a copy of pending patent Application Serial No. \_\_\_\_\_.

This Information Disclosure Statement is filed after the period specified in 37 C.F.R. § 1.97(b), but before the mailing of:

a final action under 37 C.F.R. §1.113;

a notice of allowance under 37 C.F.R. §1.311; or

an action that otherwise closes prosecution in this application.

In accordance with 37 C.F.R. §1.97(c) also enclosed is:

Fee under 37 C.F.R. §1.17(p) in the amount of \$180.00; or

Statement as specified in 37 C.F.R. §1.97(e):

Each item of information contained in the Information Disclosure Statement cited herein was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or

No item of information contained in the Information Disclosure Statement submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, having made a reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing date of the Information Disclosure Statement.

It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.

Dated: 1/16/04

Respectfully submitted,  
**COOLEY GODWARD LLP**

Cooley Godward LLP  
ATTN: Patent Group  
One Freedom Square  
Reston Town Center  
11951 Freedom Drive  
Reston, VA 20190-5656  
Tel: (703) 456-8000  
Fax: (703) 456-8100

By:

  
**Steven R. Olsen**  
Reg. No. 48,174

<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>		<i>Complete if Known</i>	
		<b>Application Number</b>	09/056,656
		<b>Filing Date</b>	April 7, 1998
		<b>First Named Inventor</b>	Curtis PRIEM
		<b>Group Art Unit</b>	2676
		<b>Examiner Name</b>	Ulka Chauhan
Sheet	1	of	1
		Attorney Docket Number	
		NVID001/00US	

A circular stamp with the letters 'O I P E' at the top and 'CIVIL' at the bottom. In the center, it contains the date 'DEC 20 2004'. At the very bottom, it reads 'TRADEMARK OFFICE' and 'Initials \_\_\_\_\_'.

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

and not covered

452F011.DOC

<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

\* For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

5 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of  
5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

**6** Applicant is to place a check mark here if English language Translation is attached.